

**CHUM AND SOCKEYE SALMON
CO-MANAGER RUNSIZE FORECASTS FOR THE 2022 RETURN YEAR**

CHUM - SUMMER

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Central Sound		2,549	2,549	Ocean indicator regression
South Sound		42,141	42,141	Ocean indicator regression
Hood Canal*		7,931	7,931	Ocean indicator regression
Strait of Juan de Fuca*		2,085	2,085	Ocean indicator regression
Puget Sound Total		54,706	54,706	

* Wild forecast includes supplementation returns.

CHUM - FALL

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Nooksack/Samish	9,093	31,317	40,410	Ocean indicator regression
Skagit	543	20,141	20,684	Ocean indicator regression / Fry
Stillaguamish	327	45,048	45,375	Fry based
Snohomish	1,500	16,119	17,619	Fry based
Central Sound	60,304	41,943	102,247	Ocean indicator regression
South Sound	21,939	167,521	189,460	Ocean indicator regression
Hood Canal	237,026	69,462	306,488	Ocean indicator regression
Strait of Juan de Fuca	115	1,213	1,328	Ocean indicator regression
Puget Sound Total	330,847	392,764	723,611	

CHUM - WINTER

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
South Sound	2,054	11,481	13,535	Ocean indicator regression/ 3Yr Avg
Puget Sound Total	2,054	11,481	13,535	

CHUM - FALL

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Coastal				
Grays Harbor	1,879	32,720	34,599	Ocean indicator regression
Willapa	996	46,810	47,806	Ocean indicator regression
Coastal Total	2,875	79,530	82,405	

SOCKEYE

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Baker River		27,081	27,081	NPGO and sibling regression
Lake Washington		10,165	10,165	Sibling regression
Puget Sound Total			37,246	

SOCKEYE

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Columbia River				
Wenatchee River		19,200	19,200	Sibling Regression
Okanogan River		175,700	175,700	Sibling Regression
Yakima		3,500	3,500	Sibling Regression
Deschutes		100	100	Sibling Regression
Snake River		200	200	Sibling Regression
Columbia River Total		198,700	198,700	

Fraser River Forecasts (from Fisheries and Oceans Canada)

Sockeye Salmon	9,775,000	Median Estimate
-----------------------	------------------	-----------------